

**EAST Search History****EAST Search History (Prior Art)**

| Ref # | Hits | Search Query  | DBs                         | Default Operator | Plurals | Time Stamp       |
|-------|------|---|-----------------------------|------------------|---------|------------------|
| S1    | 15   | ((ANDREAS) near2 (CADUFF)).INV.   | US-PGPUB; USPAT; USOCR      | OR               | OFF     | 2011/05/20 11:11 |
| S2    | 21   | ((ANDREAS) near2 (CADUFF)).INV.   | EPO; JPO; DERWENT           | OR               | OFF     | 2011/05/20 11:11 |
| S3    | 2    | ((PASCAL) near2 (TRUFFER)).INV.   | US-PGPUB; USPAT; USOCR      | OR               | OFF     | 2011/05/20 11:11 |
| S4    | 4    | ((PASCAL) near2 (TRUFFER)).INV.   | EPO; JPO; DERWENT           | OR               | OFF     | 2011/05/20 11:11 |
| S5    | 3    | ((STEPHAN) near2 (BUSCHOR)).INV.  | US-PGPUB; USPAT; USOCR      | OR               | OFF     | 2011/05/20 11:11 |
| S7    | 1    | ((ETINNE) near2 (HIRT)).INV.  | US-PGPUB; USPAT; USOCR      | OR               | OFF     | 2011/05/20 11:11 |
| S8    | 0    | ((ETINNE) near2 (HIRT)).INV.  | EPO; JPO; DERWENT           | OR               | OFF     | 2011/05/20 11:12 |
| S9    | 2    | ((GIANLUCA) near2 (STALDER)).INV.   | US-PGPUB; USPAT; USOCR      | OR               | OFF     | 2011/05/20 11:12 |
| S10   | 7    | ((GIANLUCA) near2 (STALDER)).INV.   | EPO; JPO; DERWENT           | OR               | OFF     | 2011/05/20 11:12 |
| S12   | 408  | 600/365.ccls.   | USPAT                       | OR               | OFF     | 2011/05/20 11:13 |
| S13   | 421  | 600/347.ccls.   | USPAT                       | OR               | OFF     | 2011/05/20 12:43 |
| S14   | 408  | 600/365.ccls.   | USPAT                       | OR               | OFF     | 2011/05/20 12:43 |
| S15   | 603  | S14 or S13  | USPAT                       | OR               | OFF     | 2011/05/20 12:43 |
| S16   | 10   | ("6565509") or ("5792668") or ("4180771") or ("4020830") or ("4397714") or ("4822566") or ("6517482") or ("2005017415") or ("4875486") or ("6794865") or ("5978694")).PN. | US-PGPUB; USPAT; USOCR      | OR               | OFF     | 2011/05/20 13:03 |
| S17   | 2    | US-20030098745-\$ DID.<br>JP-2003163593-\$ DID.   | US-PGPUB; USPAT; USOCR; JPO | OR               | OFF     | 2011/05/20 13:16 |
| S18   | 2    | US-20040039254-\$ DID.<br>OR US-20060264730-\$ DID.   | US-PGPUB; USPAT; USOCR      | OR               | OFF     | 2011/05/20 13:17 |

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| S19 | 2  | DE-4446346-\$ DID.   | EPO; JPO;<br>DERWENT;<br>IBM_TDB           | OR | OFF | 2011/05/20<br>13:19 |
| S20 | 26 | US-20020106709-\$ DID.<br>OR US-20020155615-\$.<br>DID. OR US-<br>20030153821-\$ DID. OR<br>US-20040104736-\$ DID.<br>OR US-20040133353-\$.<br>DID. OR US-<br>20040147819-\$ DID. OR<br>US-20040240512-\$ DID.<br>OR US-20050101842-\$.<br>DID. OR US-<br>20050113662-\$ DID. OR<br>US-4509531-\$ DID. OR<br>US-4679426-\$ DID. OR<br>US-4765179-\$ DID. OR<br>US-4875486-\$ DID. OR<br>US-5050612-\$ DID. OR<br>US-5077476-\$ DID. OR<br>US-5109855-\$ DID. OR<br>US-5353802-\$ DID. OR<br>US-5508203-\$ DID. OR<br>US-5771891-\$ DID. OR<br>US-5792668-\$ DID. OR<br>US-5804967-\$ DID. OR<br>US-5890489-\$ DID. OR<br>US-6028433-\$ DID. OR<br>US-6182504-\$ DID. OR<br>US-6309884-\$ DID. OR<br>US-6356776-\$ DID. | US-PGPUB;<br>USPAT; USOCR                  | OR | OFF | 2011/05/20<br>13:21 |
| S21 | 13 | WO-9318402-\$ DID. OR<br>WO-9504496-\$ DID. OR<br>WO-9739341-\$ DID. OR<br>WO-9804190-\$ DID. OR<br>WO-9809566-\$ DID. OR<br>WO-9944495-\$ DID. OR<br>WO-9939627-\$ DID.   | EPO; JPO;<br>DERWENT                       | OR | OFF | 2011/05/20<br>13:24 |
| S22 | 13 | RU-2069863-\$ DID. OR<br>RU-2073242-\$ DID. OR<br>RU-2088927-\$ DID. OR<br>SU-1698724-\$ DID. OR<br>WO-0009996-\$ DID. OR<br>WO-0136952-\$ DID. OR<br>WO-02062214-\$ DID. OR<br>WO-02069791-\$ DID. OR<br>WO-02073179-\$ DID. OR<br>WO-03017834-\$ DID. OR<br>WO-8504481-\$ DID. OR<br>WO-9318395-\$ DID.  | EPO; JPO;<br>DERWENT                       | OR | OFF | 2011/05/20<br>13:28 |
| S23 | 7  | US-6565509-\$ DID. OR<br>US-5792668-\$ DID. OR<br>GB-2055206-\$ DID. OR<br>WO-02069791-\$ DID.   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; DERWENT | OR | OFF | 2011/05/20<br>13:29 |

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| S24 | 18   | US-6517482-\$ DID. OR<br>US-6565509-\$ DID. OR<br>US-6723048-\$ DID. OR<br>DE-3017168-\$ DID. OR<br>EP-1092386-\$ DID. OR<br>GB-1599241-\$ DID. OR<br>GB-2033575-\$ DID. OR<br>GB-2055206-\$ DID. OR<br>GB-2100864-\$ DID. OR<br>JP-9201337-\$ DID. OR<br>JP-6283649-\$ DID. OR<br>AT-395075-\$ DID. OR DE-<br>10035415-\$ DID. OR JP-<br>2000162176-\$ DID. | US-PGPUB;<br>USPAT; USOOR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2011/05/20<br>13:41 |
| S25 | 6    | ((STEPHAN) near2<br>(BUSCHOR).INV.   | EPO; JPO;<br>DERWENT                               | OR | OFF | 2011/05/20<br>14:19 |
| S26 | 3    | (("5077476") or<br>("6309884") or<br>("2002106709") or<br>("5050612") or<br>("2003153821") or<br>("2005017415")).PN.   | US-PGPUB;<br>USPAT; USOOR                          | OR | OFF | 2011/05/20<br>14:38 |
| S27 | 32   | S15 and oscillator and<br>amplifier and (electrode<br>or sensor) and<br>(processor or<br>microprocessor or<br>controller)  | USPAT  | OR | OFF | 2011/05/20<br>14:49 |
| S28 | 1252 | voltage adj2 control\$3<br>adj2 oscillator and<br>amplifier and tank near2<br>circuit  | US-PGPUB;<br>USPAT; USOOR                          | OR | OFF | 2011/05/20<br>15:17 |
| S29 | 17   | voltage adj2 control\$3<br>adj2 oscillator and<br>amplifier and tank near2<br>circuit and glucose  | US-PGPUB;<br>USPAT; USOOR                          | OR | OFF | 2011/05/20<br>15:17 |
| S30 | 264  | voltage adj2 control\$3<br>adj2 oscillator and<br>amplifier and tank near2<br>circuit and transformer  | US-PGPUB;<br>USPAT; USOOR                          | OR | OFF | 2011/05/26<br>16:21 |
| S31 | 713  | voltage adj2 control\$3<br>adj2 oscillator and<br>amplifier and tank near2<br>circuit and transistor and<br>capacitor  | US-PGPUB;<br>USPAT; USOOR                          | OR | OFF | 2011/05/31<br>08:25 |
| S32 | 158  | voltage adj2 control\$3<br>adj2 oscillator and<br>amplifier and tank near2<br>circuit and (field adj2<br>effect adj2 transistor)<br>and capacitor  | US-PGPUB;<br>USPAT; USOOR                          | OR | OFF | 2011/05/31<br>08:26 |

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| S33 | 156     | voltage adj2 control\$3<br>adj2 oscillator and diode<br>and tank near2 circuit<br>and (field adj2 effect<br>adj2 transistor) and<br>capacitor               | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2011/05/31<br>08:28 |
| S34 | 52      | voltage adj2 control\$3<br>adj2 oscillator and<br>varactor adj2 diode and<br>tank near2 circuit and<br>(field adj2 effect adj2<br>transistor) and capacitor | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2011/05/31<br>08:57 |
| S35 | 1       | (09/792235).APP.  | USPAT; USOCR              | OR | OFF | 2011/05/31<br>10:04 |
| S36 | 5       | ("4153876"   "5392460"  <br>"5903196").PN. OR<br>("6985702").URPN.  | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2011/05/31<br>10:17 |
| S37 | 8830    | voltage adj2 control\$3<br>adj2 oscillator and<br>feedback near2 loop   | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2011/05/31<br>10:28 |
| S38 | 50      | (voltage adj2 control\$3<br>adj2 oscillator) and<br>(feedback near2 loop)<br>and amplifier near (phase<br>adj2 shift)                                       | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2011/05/31<br>10:29 |
| S39 | 1109165 | processor or (processing<br>adj2 circuitry) and diode<br>and filter and (AD adj2<br>converter) or ADC   | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2011/05/31<br>10:33 |
| S40 | 1079516 | processor or (processing<br>adj2 circuitry) and diode<br>and filter and (AD adj2<br>converter) or ADC and<br>calibration and amplifier                      | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2011/05/31<br>10:34 |
| S41 | 14      | (processor or processing<br>adj2 circuitry) same<br>diode same filter same<br>(AD adj2 converter or<br>ADC ) and calibration and<br>amplifier               | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2011/05/31<br>10:35 |
| S42 | 17      | (processor or processing<br>adj2 circuitry) same<br>diode same filter same<br>(AD adj2 converter or<br>ADC ) and calibrat\$4 and<br>amplifier               | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2011/05/31<br>10:35 |
| S43 | 18      | (processor or processing<br>adj2 circuitry) same<br>diode same filter same<br>(AD adj2 converter or<br>ADC ) and calibrat\$4                                | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2011/05/31<br>10:36 |

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| S44 | 935   | (processor or processing adj2 circuitry) and diode and filter same (AD adj2 converter or ADC) and calibrat\$4                  | US-PGPUB; USPAT; USOCCR | OR | OFF | 2011/05/31 10:38 |
| S45 | 70    | (processor or processing adj2 circuitry) and diode same filter same (AD adj2 converter or ADC) and calibrat\$4                 | US-PGPUB; USPAT; USOCCR | OR | OFF | 2011/05/31 10:38 |
| S46 | 105   | (processor or processing adj2 circuitry) and diode same filter same (AD adj2 converter or ADC) and (calibrat\$4 or rectif \$5) | US-PGPUB; USPAT; USOCCR | OR | OFF | 2011/06/27 09:15 |
| S47 | 74    | dual near3 gate near4 field near4 effect near4 transistor same gain  | US-PGPUB; USPAT; USOCCR | OR | OFF | 2011/06/28 16:47 |
| S48 | 41    | dual near3 gate near4 field near4 effect near4 transistor same gain same control   | US-PGPUB; USPAT; USOCCR | OR | OFF | 2011/06/28 16:48 |
| S49 | 25    | voltage near3 control\$4 near3 oscillator same amplifier same tank same phase near5 shift                                      | US-PGPUB; USPAT; USOCCR | OR | OFF | 2011/06/28 16:50 |
| S50 | 11    | S49 and transformer  | US-PGPUB; USPAT; USOCCR | OR | OFF | 2011/06/28 16:51 |
| S51 | 2     | dual near3 gate near4 field near4 effect near4 transistor same gain and voltage near3 control near3 oscillator                 | US-PGPUB; USPAT; USOCCR | OR | OFF | 2011/06/29 08:10 |
| S52 | 7     | dual near3 gate with field near4 effect near4 transistor same gain and voltage near3 control\$4 near3 oscillator               | US-PGPUB; USPAT; USOCCR | OR | OFF | 2011/06/29 08:20 |
| S53 | 34114 | amplifier with output same transformer   | US-PGPUB; USPAT; USOCCR | OR | OFF | 2011/06/29 09:38 |
| S54 | 52    | amplifier with output same transformer and tank with phase near3 shift   | US-PGPUB; USPAT; USOCCR | OR | OFF | 2011/06/29 09:38 |
| S55 | 16007 | amplifier with output with transformer   | US-PGPUB; USPAT; USOCCR | OR | OFF | 2011/06/29 10:01 |
| S56 | 1369  | S55 and (field near3 effect near3 transistor or FET)   | US-PGPUB; USPAT; USOCCR | OR | OFF | 2011/06/29 10:01 |

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|-----|-------|--|------------------------|----|-----|------------------|
| S57 | 252   | S55 same (field near3 effect near3 transistor or FET)  | US-PGPUB; USPAT; USOCR | OR | OFF | 2011/06/29 10:02 |
| S58 | 2359  | tank near3 circuit and phase near3 shift   | US-PGPUB; USPAT; USOCR | OR | OFF | 2011/06/29 10:21 |
| S59 | 229   | tank near3 circuit with phase near3 shift  | US-PGPUB; USPAT; USOCR | OR | OFF | 2011/06/29 10:21 |
| S60 | 1     | "20030095420"  | US-PGPUB; USPAT; USOCR | OR | OFF | 2011/06/29 13:23 |
| S61 | 5145  | diode and (ADC or analog near3 digital near3 converter) and processor and filter   | US-PGPUB; USPAT; USOCR | OR | OFF | 2011/06/29 14:36 |
| S62 | 39    | diode same (ADC or analog near3 digital near3 converter) same processor same filter  | US-PGPUB; USPAT; USOCR | OR | OFF | 2011/06/29 14:36 |
| S63 | 12754 | temperature same calibration and digital with signal   | US-PGPUB; USPAT; USOCR | OR | OFF | 2011/06/29 14:57 |
| S64 | 7788  | S63 and processor  | US-PGPUB; USPAT; USOCR | OR | OFF | 2011/06/29 14:58 |
| S65 | 732   | temperature with calibration near3 data and digital with signal and processor  | US-PGPUB; USPAT; USOCR | OR | OFF | 2011/06/29 14:58 |
| S66 | 45    | temperature with calibration near3 data same digital with signal and processor   | US-PGPUB; USPAT; USOCR | OR | OFF | 2011/06/29 14:58 |
| S67 | 1     | (10/773771).APP.   | USPAT; USOCR           | OR | OFF | 2011/06/29 15:00 |
| S68 | 37    | ("3050693"   "3119079"   "3416100"   "3619803"   "3857110"   "3867706"   "4633197"   "4763086"   "4851789"   "4921467"   "4978930"   "5179725"   "5418503"   "5463360"   "5627498"   "5757244"   "5789986"   "5912595"   "5973573"   "6040744"   "6308055"   "6445257"   "6563388"   "6574288").PN. OR ("7116183").URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2011/06/29 15:00 |
| S69 | 110   | temperature same calibration near3 data same digital with signal and processor   | US-PGPUB; USPAT; USOCR | OR | OFF | 2011/06/29 15:08 |
| S70 | 664   | 600/316.ccls.  | US-PGPUB; USPAT; USOCR | OR | OFF | 2011/06/29 15:26 |

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|-----|-------|--|---------------------------|----|-----|---------------------|
| S71 | 431   | S70 and temperature  | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2011/06/29<br>15:26 |
| S72 | 331   | S70 and temperature and calibrat\$5  | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2011/06/29<br>15:26 |
| S73 | 60    | S70 and temperature same calibrat\$5 and processor   | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2011/06/29<br>15:26 |
| S74 | 20    | S70 and temperature same calibrat\$5 same processor  | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2011/06/29<br>15:32 |
| S75 | 1120  | temperature same calibrat\$5 near3 data and conver\$5 same digital same signal and processor | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2011/06/29<br>15:40 |
| S76 | 1     | "6175752".pn.  | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2011/07/06<br>16:51 |
| S77 | 15140 | diode same series same filter  | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2011/07/07<br>09:04 |
| S78 | 2665  | diode with series with filter  | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2011/07/07<br>09:04 |
| S80 | 55    | ((diode with series with filter) same (fixed near5 voltage)                                  | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2011/07/07<br>09:17 |
| S81 | 17    | ((ANDREAS) near2 (CADUFF)).INV.  | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2012/01/18<br>10:22 |
| S82 | 21    | ((ANDREAS) near2 (CADUFF)).INV.  | EPO; JPO;<br>DERWENT      | OR | OFF | 2012/01/18<br>10:22 |
| S83 | 2     | ((PASCAL) near2 (TRUFFER)).INV.  | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2012/01/18<br>10:22 |
| S84 | 4     | ((PASCAL) near2 (TRUFFER)).INV.  | EPO; JPO;<br>DERWENT      | OR | OFF | 2012/01/18<br>10:22 |
| S85 | 3     | ((STEPHAN) near2 (BUSCHOR)).INV.   | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2012/01/18<br>10:22 |
| S86 | 1     | ((ETINNE) near2 (HIRT)).INV.   | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2012/01/18<br>10:22 |
| S87 | 0     | ((ETINNE) near2 (HIRT)).INV.   | EPO; JPO;<br>DERWENT      | OR | OFF | 2012/01/18<br>10:22 |
| S88 | 2     | ((GIANLUCA) near2 (STALDER)).INV.  | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2012/01/18<br>10:22 |
| S89 | 7     | ((GIANLUCA) near2 (STALDER)).INV.  | EPO; JPO;<br>DERWENT      | OR | OFF | 2012/01/18<br>10:22 |
| S90 | 464   | 600/365.ccls.  | USPAT                     | OR | OFF | 2012/01/18<br>10:22 |
| S91 | 468   | 600/347.ccls.  | USPAT                     | OR | OFF | 2012/01/18<br>10:22 |
| S92 | 464   | 600/365.ccls.  | USPAT                     | OR | OFF | 2012/01/18<br>10:22 |
| S93 | 665   | S92 or S91   | USPAT                     | OR | OFF | 2012/01/18<br>10:22 |

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|-----|----|--|----------------------------------|----|-----|------------------|
| S94 | 10 | (("6565509") or ("5792668") or ("4180771") or ("4020830") or ("4397714") or ("4822566") or ("6517482") or ("2005017415") or ("4875486") or ("6794865") or ("5978694")).RN.   | US-PGPUB; USPAT; USOOR           | OR | OFF | 2012/01/18 10:22 |
| S95 | 2  | US-20030098745-\$ DID.<br>JP-2003163593-\$ DID.  | US-PGPUB; USPAT; USOOR; JPO      | OR | OFF | 2012/01/18 10:22 |
| S96 | 2  | US-20040039254-\$ DID.<br>OR US-20060264730-\$ DID.  | US-PGPUB; USPAT; USOOR           | OR | OFF | 2012/01/18 10:22 |
| S97 | 2  | DE-4446346-\$ DID.   | EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2012/01/18 10:22 |
| S98 | 26 | US-20020106709-\$ DID.<br>OR US-20020155615-\$ DID. OR US-<br>20030153821-\$ DID. OR<br>US-20040104736-\$ DID.<br>OR US-20040133353-\$ DID. OR US-<br>20040147819-\$ DID. OR<br>US-20040240512-\$ DID.<br>OR US-20050101842-\$ DID. OR US-<br>20050113662-\$ DID. OR<br>US-4509531-\$ DID. OR<br>US-4679426-\$ DID. OR<br>US-4765179-\$ DID. OR<br>US-4875486-\$ DID. OR<br>US-5050612-\$ DID. OR<br>US-5077476-\$ DID. OR<br>US-5109855-\$ DID. OR<br>US-5353802-\$ DID. OR<br>US-5508203-\$ DID. OR<br>US-5771891-\$ DID. OR<br>US-5792668-\$ DID. OR<br>US-5804967-\$ DID. OR<br>US-5890489-\$ DID. OR<br>US-6028433-\$ DID. OR<br>US-6182504-\$ DID. OR<br>US-6309884-\$ DID. OR<br>US-6356776-\$ DID. | US-PGPUB; USPAT; USOOR           | OR | OFF | 2012/01/18 10:22 |

|      |      |  |  |    |     |                     |
|------|------|--|--|----|-----|---------------------|
| S99  | 13   | WO-9318402-\$.DID. OR<br>WO-9504496-\$.DID. OR<br>WO-9739341-\$.DID. OR<br>WO-9804190-\$.DID. OR<br>WO-9809566-\$.DID. OR<br>WO-9944495-\$.DID. OR<br>WO-9939627-\$.DID.   | EPO; JPO;<br>DERWENT                               | OR | OFF | 2012/01/18<br>10:22 |
| S100 | 13   | RU-2069863-\$.DID. OR<br>RU-2073424-\$.DID. OR<br>RU-2088927-\$.DID. OR<br>SU-1698724-\$.DID. OR<br>WO-0009996-\$.DID. OR<br>WO-0136952-\$.DID. OR<br>WO-02062214-\$.DID. OR<br>WO-02069791-\$.DID. OR<br>WO-02073179-\$.DID. OR<br>WO-03017834-\$.DID. OR<br>WO-8504481-\$.DID. OR<br>WO-9318395-\$.DID.  | EPO; JPO;<br>DERWENT                               | OR | OFF | 2012/01/18<br>10:22 |
| S101 | 7    | US-6565509-\$.DID. OR<br>US-5792668-\$.DID. OR<br>GB-2055206-\$.DID. OR<br>WO-02069791-\$.DID.   | US-PGPUB;<br>USPAT; USOOR;<br>EPO; DERWENT         | OR | OFF | 2012/01/18<br>10:22 |
| S102 | 18   | US-6517482-\$.DID. OR<br>US-6565509-\$.DID. OR<br>US-6723048-\$.DID. OR<br>DE-3017168-\$.DID. OR<br>EP-1092386-\$.DID. OR<br>GB-1599241-\$.DID. OR<br>GB-2033575-\$.DID. OR<br>GB-2055206-\$.DID. OR<br>GB-2100864-\$.DID. OR<br>JP-9201337-\$.DID. OR<br>JP-6283649-\$.DID. OR<br>AT-395075-\$.DID. OR DE-<br>10035415-\$.DID. OR JP-<br>2000162176-\$.DID. | US-PGPUB;<br>USPAT; USOOR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2012/01/18<br>10:22 |
| S103 | 6    | ((STEPHAN) near2<br>(BUSCHOR).INV.   | EPO; JPO;<br>DERWENT                               | OR | OFF | 2012/01/18<br>10:22 |
| S104 | 3    | ((5077476) or<br>(6309884) or<br>(2002106709) or<br>(5050612) or<br>(2003153821) or<br>(2005017415)).FN.   | US-PGPUB;<br>USPAT; USOOR                          | OR | OFF | 2012/01/18<br>10:22 |
| S105 | 32   | S93 and oscillator and<br>amplifier and (electrode<br>or sensor) and<br>(processor or<br>microprocessor or<br>controller)  | USPAT  | OR | OFF | 2012/01/18<br>10:22 |
| S106 | 1297 | voltage adj2 control\$3<br>adj2 oscillator and<br>amplifier and tank near2<br>circuit  | US-PGPUB;<br>USPAT; USOOR                          | OR | OFF | 2012/01/18<br>10:22 |

|      |         |   |                           |    |     |                     |
|------|---------|---|---------------------------|----|-----|---------------------|
| S107 | 20      | voltage adj2 control\$3<br>adj2 oscillator and<br>amplifier and tank near2<br>circuit and glucose   | US-PGPUB;<br>USPAT; USOOR | OR | OFF | 2012/01/18<br>10:22 |
| S108 | 271     | voltage adj2 control\$3<br>adj2 oscillator and<br>amplifier and tank near2<br>circuit and transformer   | US-PGPUB;<br>USPAT; USOOR | OR | OFF | 2012/01/18<br>10:22 |
| S109 | 739     | voltage adj2 control\$3<br>adj2 oscillator and<br>amplifier and tank near2<br>circuit and transistor and<br>capacitor                                       | US-PGPUB;<br>USPAT; USOOR | OR | OFF | 2012/01/18<br>10:22 |
| S110 | 163     | voltage adj2 control\$3<br>adj2 oscillator and<br>amplifier and tank near2<br>circuit and (field adj2<br>effect adj2 transistor)<br>and capacitor           | US-PGPUB;<br>USPAT; USOOR | OR | OFF | 2012/01/18<br>10:22 |
| S111 | 162     | voltage adj2 control\$3<br>adj2 oscillator and diode<br>and tank near2 circuit<br>and (field adj2 effect<br>adj2 transistor) and<br>capacitor               | US-PGPUB;<br>USPAT; USOOR | OR | OFF | 2012/01/18<br>10:22 |
| S112 | 54      | voltage adj2 control\$3<br>adj2 oscillator and<br>varactor adj2 diode and<br>tank near2 circuit and<br>(field adj2 effect adj2<br>transistor) and capacitor | US-PGPUB;<br>USPAT; USOOR | OR | OFF | 2012/01/18<br>10:22 |
| S113 | 1       | (09/792235).APP.  | USPAT; USOOR              | OR | OFF | 2012/01/18<br>10:22 |
| S114 | 5       | ("4153876"   "5392460"  <br>"5903196").PN. OR<br>("6985702").URPN.  | US-PGPUB;<br>USPAT; USOOR | OR | OFF | 2012/01/18<br>10:22 |
| S115 | 9175    | voltage adj2 control\$3<br>adj2 oscillator and<br>feedback near2 loop   | US-PGPUB;<br>USPAT; USOOR | OR | OFF | 2012/01/18<br>10:22 |
| S116 | 53      | (voltage adj2 control\$3<br>adj2 oscillator) and<br>(feedback near2 loop)<br>and amplifier near (phase<br>adj2 shift)                                       | US-PGPUB;<br>USPAT; USOOR | OR | OFF | 2012/01/18<br>10:22 |
| S117 | 1202210 | processor or (processing<br>adj2 circuitry) and diode<br>and filter and (AD adj2<br>converter) or ADC   | US-PGPUB;<br>USPAT; USOOR | OR | OFF | 2012/01/18<br>10:22 |
| S118 | 1170493 | processor or (processing<br>adj2 circuitry) and diode<br>and filter and (AD adj2<br>converter) or ADC and<br>calibration and amplifier                      | US-PGPUB;<br>USPAT; USOOR | OR | OFF | 2012/01/18<br>10:22 |

|      |      |  |                        |    |     |                  |
|------|------|--|------------------------|----|-----|------------------|
| S119 | 17   | (processor or processing adj2 circuitry) same diode same filter same (AD adj2 converter or ADC ) and calibration and amplifier     | US-PGPUB; USPAT; USOCR | OR | OFF | 2012/01/18 10:22 |
| S120 | 20   | (processor or processing adj2 circuitry) same diode same filter same (AD adj2 converter or ADC ) and calibration\$4 and amplifier  | US-PGPUB; USPAT; USOCR | OR | OFF | 2012/01/18 10:22 |
| S121 | 21   | (processor or processing adj2 circuitry) same diode same filter same (AD adj2 converter or ADC ) and calibration\$4                | US-PGPUB; USPAT; USOCR | OR | OFF | 2012/01/18 10:22 |
| S122 | 1003 | (processor or processing adj2 circuitry) and diode and filter same (AD adj2 converter or ADC ) and calibration\$4                  | US-PGPUB; USPAT; USOCR | OR | OFF | 2012/01/18 10:22 |
| S123 | 81   | (processor or processing adj2 circuitry) and diode same filter same (AD adj2 converter or ADC ) and calibration\$4                 | US-PGPUB; USPAT; USOCR | OR | OFF | 2012/01/18 10:22 |
| S124 | 116  | (processor or processing adj2 circuitry) and diode same filter same (AD adj2 converter or ADC ) and (calibration\$4 or rectif \$5) | US-PGPUB; USPAT; USOCR | OR | OFF | 2012/01/18 10:22 |
| S125 | 74   | dual near3 gate near4 field near4 effect near4 transistor same gain  | US-PGPUB; USPAT; USOCR | OR | OFF | 2012/01/18 10:22 |
| S126 | 41   | dual near3 gate near4 field near4 effect near4 transistor same gain same control   | US-PGPUB; USPAT; USOCR | OR | OFF | 2012/01/18 10:22 |
| S127 | 25   | voltage near3 control\$4 near3 oscillator same amplifier same tank same phase near5 shift  | US-PGPUB; USPAT; USOCR | OR | OFF | 2012/01/18 10:22 |
| S128 | 11   | S127 and transformer   | US-PGPUB; USPAT; USOCR | OR | OFF | 2012/01/18 10:22 |
| S129 | 2    | dual near3 gate near4 field near4 effect near4 transistor same gain and voltage near3 control near3 oscillator                     | US-PGPUB; USPAT; USOCR | OR | OFF | 2012/01/18 10:22 |

|      |       |  |                           |    |     |                     |
|------|-------|--|---------------------------|----|-----|---------------------|
| S130 | 7     | dual near3 gate with field<br>near4 effect near4<br>transistor same gain and<br>voltage near3 control\$4<br>near3 oscillator | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2012/01/18<br>10:22 |
| S131 | 34453 | amplifier with output<br>same transformer  | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2012/01/18<br>10:22 |
| S132 | 53    | amplifier with output<br>same transformer and<br>tank with phase near3<br>shift  | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2012/01/18<br>10:22 |
| S133 | 16194 | amplifier with output<br>with transformer  | US-PPUB;<br>USPAT; USOCR  | OR | OFF | 2012/01/18<br>10:22 |
| S134 | 1411  | S133 and (field near3<br>effect near3 transistor or<br>FET)  | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2012/01/18<br>10:22 |
| S135 | 258   | S133 same (field near3<br>effect near3 transistor or<br>FET)   | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2012/01/18<br>10:22 |
| S136 | 2437  | tank near3 circuit and<br>phase near3 shift  | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2012/01/18<br>10:22 |
| S137 | 230   | tank near3 circuit with<br>phase near3 shift   | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2012/01/18<br>10:22 |
| S138 | 1     | "20030095420"  | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2012/01/18<br>10:22 |
| S139 | 5536  | diode and (ADC or<br>analog near3 digital<br>near3 converter) and<br>processor and filter                                    | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2012/01/18<br>10:22 |
| S140 | 44    | diode same (ADC or<br>analog near3 digital<br>near3 converter) same<br>processor same filter                                 | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2012/01/18<br>10:22 |
| S141 | 13411 | temperature same<br>calibration and digital<br>with signal   | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2012/01/18<br>10:22 |
| S142 | 8222  | S141 and processor   | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2012/01/18<br>10:22 |
| S143 | 773   | temperature with<br>calibration near3 data<br>and digital with signal<br>and processor                                       | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2012/01/18<br>10:22 |
| S144 | 45    | temperature with<br>calibration near3 data<br>same digital with signal<br>and processor                                      | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2012/01/18<br>10:22 |
| S145 | 1     | (10/773771).APP.   | USPAT; USOCR              | OR | OFF | 2012/01/18<br>10:22 |

|      |       |  |                           |    |     |                     |
|------|-------|--|---------------------------|----|-----|---------------------|
| S146 | 40    | (“3050693”   “3119079”   “3416100”   “3619803”   “3857110”   “3867706”   “4633197”   “4763086”   “4851789”   “4921467”   “4978930”   “5179725”   “5418503”   “5463360”   “5627498”   “5757244”   “5789986”   “5912595”   “5973573”   “6040744”   “6308055”   “6445257”   “6563388”   “6574288”).<br>PN. OR (“7116183”).<br>URRN. | US-PGPUB;<br>USPAT; USOOR | OR | OFF | 2012/01/18<br>10:22 |
| S147 | 112   | temperature same calibration near3 data same digital with signal and processor   | US-PGPUB;<br>USPAT; USOOR | OR | OFF | 2012/01/18<br>10:22 |
| S148 | 684   | 600/316.cds.   | US-PGPUB;<br>USPAT; USOOR | OR | OFF | 2012/01/18<br>10:22 |
| S149 | 441   | S148 and temperature   | US-PGPUB;<br>USPAT; USOOR | OR | OFF | 2012/01/18<br>10:22 |
| S150 | 341   | S148 and temperature and calibrat\$5   | US-PGPUB;<br>USPAT; USOOR | OR | OFF | 2012/01/18<br>10:22 |
| S151 | 62    | S148 and temperature same calibrat\$5 and processor  | US-PGPUB;<br>USPAT; USOOR | OR | OFF | 2012/01/18<br>10:22 |
| S152 | 21    | S148 and temperature same calibrat\$5 same processor   | US-PGPUB;<br>USPAT; USOOR | OR | OFF | 2012/01/18<br>10:22 |
| S153 | 1171  | temperature same calibrat\$5 near3 data and conver\$5 same digital same signal and processor   | US-PGPUB;<br>USPAT; USOOR | OR | OFF | 2012/01/18<br>10:22 |
| S154 | 1     | “6175752”.pn.  | US-PGPUB;<br>USPAT; USOOR | OR | OFF | 2012/01/18<br>10:22 |
| S155 | 15322 | diode same series same filter  | US-PGPUB;<br>USPAT; USOOR | OR | OFF | 2012/01/18<br>10:22 |
| S156 | 2715  | diode with series with filter  | US-PGPUB;<br>USPAT; USOOR | OR | OFF | 2012/01/18<br>10:22 |
| S157 | 55    | (diode with series with filter) same (fixed near5 voltage)   | US-PGPUB;<br>USPAT; USOOR | OR | OFF | 2012/01/18<br>10:22 |

**EAST Search History (Interference)**

| Ref # | Hits | Search Query   | DBs            | Default Operator | Plurals | Time Stamp       |
|-------|------|--|----------------|------------------|---------|------------------|
| L1    | 127  | 600/347,365,316.cds. and electrode and voltage and frequency and ratio | USPAT;<br>UPAD | OR               | ON      | 2012/02/07 08:12 |

|    |   |  |             |    |    |                  |
|----|---|--|-------------|----|----|------------------|
| L2 | 6 | 600/347,365,316.cols. and electrode and voltage and frequency and ratio same fit \$5 | USPAT; UPAD | OR | ON | 2012/02/07 08:17 |
|----|---|--|-------------|----|----|------------------|

2/7/2012 9:03:41 AM

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